2011 LUMIX®
DMC-FP7 Digital Camera

MIRROR FINISHED SLIM DESIGN WITH FOLDED OPTICS
Sleek and sophisticated, with no protruding lens.

3.5" FULL TOUCH SCREEN
Set, shoot and playback with the touch of a finger.

MEGA O.I.S.
Minimizes the effects of hand shake for virtually blur-free images.

- 16.1 Megapixels
- 4x Optical Zoom
- Intelligent Resolution Technology
- iA Mode
- LUMIX Image Uploader

3.5" Touch LCD · MEGA O.I.S. · 16.1 MEGAPIXELS · 4x Optical Zoom · iA · Smart Touch

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LUMIX®

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DMC-FP7 Digital Camera

METRICS			
Dimensions (W x H x D)			101.0 x 58.9 x 18.2 mm (3.98 x 2.32 x 0.72 in)
Weight			Approx. 147g with Battery and SD Memory Card (0.32 lb)
			Approx. 130g without Battery and SD Memory Card (0.29 lb)
OPTICS			
Pixels	Camera Effective Pixels		16.1 Megapixels
CCD	Sensor Size/ Total Pixels/ Filter		1/2.33-in/ 16.6 Total Megapixels/ Primary Color Filter
Lens	Aperture		F3.5 - F5.9/ Multistage Iris Diaphragm (F3.5 - 5.6 (W)/ F5.9 - 7.1 (T))
	Optical Zoom		4X
	Focal Length		f=6.3 - 25.2 mm (35 - 140 mm in 35 mm equiv.)
	Extra Optical Zoom (EZ)		5.1X (4:3/ 10M), 7.2X (4:3/ 5M), 9.0X (4:3/ under 3M)
	Intelligent Zoom		5X
	Lens		LUMIX DC VARIO
			11 elements in 10 groups
			(4 Aspherical Lenses/ 7 Aspherical surfaces/ 1 ED Lens)
	2-Speed Zoom		—
	Optical Image Stabilizer		MEGA O.I.S. (Off/ On)
	Conversion lens Compatibility		—
	Digital Zoom		4X
			(Max. 16.0X combined with Optical Zoom without Extra Optical Zoom)
			(Max. 36.0X combined with Extra Optical Zoom)
Focus	Focusing Area		Normal: Wide 50 cm - infinity/ Tele 50 cm - infinity
			Macro/ Intelligent AUTO/ Motion Picture : Wide 10 cm - infinity/ Tele 50 cm - infinity
	Focus Range Display		Yes
	AF Assist Lamp		Yes
	Focus		Normal/ Macro, Zoom Macro, Quick AF (Always On), AF Tracking, Touch AF/ AE
Shutter	AF Metering		Face/ AF Tracking/ 11 pt/ 1pt/ Touch Area
	Shutter Speed		Still: approx. 8 - 1/1600 sec Starry Sky Mode: 15, 30, 60 sec.
Finder	Shutter Interval		Approx. 1.1 sec
	Viewfinder		—
RECORDING			
iA	Face Recognition		—
	Optical Image Stabilizer		Photo/ Movie
	Intelligent ISO Control		Photo
	Face Detection		Photo
	Intelligent Scene Selector		Photo (Portrait, Scenery, Night Portrait, Night Scenery, Sunset, Macro)
	Intelligent Exposure		Photo/ Movie
	AF Tracking		Photo
	Digital Red Eye Correction (Red Eye Removal)		Photo
	iA Direct Button		—
	Intelligent Resolution Technology		Photo
File	File Format		Still Image: JPEG (DCF/ Exif2.3)
			Motion Picture: QuickTime Motion JPEG
	AVCHD Lite REC		—
Interface	Mode Switch		—
	One-Touch Movie Button		—
Recording Modes	Mode Dial/ Mode Button		Intelligent AUTO, Normal Picture, Cosmetic, SCN, MySCN, Motion Picture
	Still Image Scene Mode		Portrait, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High Sensitivity, High-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pin Hole, Film Grain, High Dynamic(Standard, Art, B&W), Photo Frame
	Movie Scene Mode		—
	Continuous Shooting Mode		High-Speed Burst Mode: approx. 4.4 frames/ sec (image priority) (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9, 2.5M for 1:1)
	Unlimited Consecutive Shooting		1.4 frames/ sec
	Motion Picture Recording	4:3	VGA: 640 x 480 pixels, 30fps (Motion JPEG)
			QVGA: 320 x 240 pixels, 30 fps (Motion JPEG)
		HD Movie (16:9)	1280 x 720 pixels, 24fps (Motion JPEG)
Continuous Recordable Time (motion pictures)	AVCHD Lite with picture quality set to [SH]		—
	MOTION JPEG with picture quality set to [HD]		—
Actual Recordable Time (motion pictures)	AVCHD Lite with picture quality set to [SH]		—
	MOTION JPEG with picture quality set to [HD]		—
Exposure Parameters	Exposure		Program AE
	Exposure Compensation		1/3 EV step, +/-2 EV
	Backlight Compensation		Yes (only in Intelligent AUTO Mode)
	Auto (AE) Bracketing		—
	Multi-Aspect		—
	Light Metering		Intelligent Multiple
	ISO Sensitivity		I.ISO/ 100/ 200/ 400/ 800/ 1600 High Sensitivity Mode (ISO 1600 - 6400)
	Max Auto ISO Setting		—

RECORDING CONTINUED			
Image Parameters	Aspect Ratio		4:3/ 3:2/ 16:9/ 1:1
	Still Picture Recording	4:3	4608 x 3456 (16M)/ 3648 x 2736 (10M EZ)/ 2560 x 1920 (5M EZ)/ 2048 x 1536 (3M EZ)/ 640 x 480(0.3M EZ)
		3:2	4608 x 3072 (14M)
		16:9	4608 x 2592 (12M)
		1:1	3456 x 3456 (12M)
	Image Quality		—
	White Balance		Auto/ Daylight/ Cloudy/ Shade/ Incandescent/ White Set (Selectable at Portrait, Transform, Self-Portrait, Panorama Assist, Sports, Baby, Pet, High Sensitivity, High-Speed Burst, Pin Hole, Photo Frame, High Dynamic)
	Quick Menu		—
	Color Mode/ Color Effect		Standard, Vivid, Natural, Black & White, Sepia, Cool, Warm, Happy (only in iA Mode)
	Picture Adjustment		—
Others	Still Image with Audio Recording		—
	GPS		—
	Flip Animation		—
	Real-time histogram		—
	Composition Guide Line		Yes (1 pattern)
	Auto Review		1 sec, 2 sec, Hold, Off
	Easy Zoom/ Zoom Resume		No/ No
	Optical Zoom in Motion Picture		—
	Macro Zoom		Yes
	Orientation Detector		Yes
	Scene Mode Help Screen		Yes
	Self Timer		2 sec/ 10 sec
	Focus Icon Select		Yes
PLAYBACK			
Display	Playback Mode		Normal Playback, Slideshow, Filtering Playback (Category Playback), Calendar Playback
	Thumbnails/ Zoomed Playback		12,30 - thumbnails/ Max. 16X/ Touch Magnification
	Calendar Display/ Dual-Image Playback		Yes/ No
	Set Favorites/ Rotate Image		Yes/ No
	Playback Still Images with Audio		—
	Playback Motion Picture		Yes
	Slideshow Mode		All/ Category/ Favorites BGM Effect (Natural/ Slow/ Swing/ Urban/ OFF)
	Show Histogram		—
	Show Highlights		—
Delete	Delete Image		Single/ Multi/ All/ All except Favorites
	DPOF Print Setting/ Set Protection		Yes/ Yes
Edit	Resize/ Cropping/ Aspect Conv./ Leveling		Yes/ Yes/ No/ No
	Copy/ Title Edit/ Text Stamp		Yes/ No/ Yes
	Cut Animation		—
	Video Divide		—
	PictBridge Support		Single/ Multi/ All/ Favorites/ DPOF
SETUP			
	OSD language		Please refer to "OSD" Sheet
	Movie REC Guide		—
	Wind-Cut in Motion Picture		—
	Travel Date/ World Time		Yes/ Yes
OTHERS			
Monitor	LCD Monitor		3.5" (8.8 cm) TFT Touch Screen LCD Display (230K dots)
			Field of View: approx. 100%
			AUTO Power LCD Mode, Power LCD Mode, High Angle Mode
	Touch Panel		Yes
Tough	Water Proof		—
	Dust Proof		—
	Freeze Proof		—
	Shock Proof		—
Flash	Built-in-Flash		Auto, Auto/ Red Eye Reduction, Slow Sync./ Red Eye Reduction, Forced On, Forced Off
			0.3 - 4.9m (Wide/ I.ISO), 0.5 - 2.9m (Tele/ I.ISO)
	External Flash		—
Media	Recording Media		Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
	Built-in-Memory		Approx. 70MB
Audio	Microphone/ Speaker		Mono/ Yes
Interface	Interface		AV Output (NTSC), USB2.0 High-Speed
Network	Viera Link		—
	HDMI Output		—
	LUMIX Image Uploader		Yes
Power	Power		Li-ion Battery Pack (3.6V, Minimum: 660mAh) (Included)
	Battery Life (approx.)		240 pictures (CIPA Standard)*1
Standard Package	Included Software		PHOTOfunSTUDIO 6.0 QuickTime Adobe Reader
	Standard Accessories		Battery Charger, Battery Pack
			Stylus Pen, AV Cable, USB Cable
			Hand Strap, CD-ROM

Recording conditions by CIPA standard
- CIPA is the acronym for Camera & Imaging Products Association.
- Temperature: 23°C (73.4°F)/Humidity: 50% when LCD monitor is on.
- Using a Panasonic SD Memory Card (32MB).
- Using the supplied battery.
- Starting recording 30 seconds after the camera is turned on. (When the optical image stabilizer function is set to [ON].)
- Recording once every 30 seconds with full flash every second recording.
- Rotating the zoom lever from Tele to Wide or vice versa in every recording.
- Turning the camera off every 10 recordings and leaving it until the temperature of the battery decreases.
- The number of recordable pictures decreases in Auto Power LCD Mode and Power LCD Mode.

- These are standard times taken at a temperature of 23°C (73.4°F) and a humidity of 50%.
- The time available for recording varies depending on the environment, the interval between recordings and the manner of use.
- Actual recordable time is the time available for recording when repeating actions such as switching the power supply [ON]/ [OFF], starting/stopping recording, zoom operation etc.
- Motion picture recorded continuously in [MOTION JPEG] is up to 2 GB. Only the maximum recordable time for 2 GB is displayed on the screen.

03/11 Specifications subject to change without notice.

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